



1723

Attorney's Docket No.: H0498/7095 TJO

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

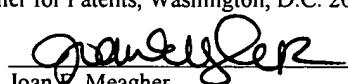
Applicant: Julie E.M. McGeoch et al.  
Serial No.: 09/844,516  
Filed: April 27, 2001  
For: BIOLOGICAL ION CHANNELS IN NANOFABRICATED DETECTORS  
Art Unit: 1723  
Examiner: Not Yet Assigned

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231, on the 27<sup>th</sup> day of July, 2001.

  
Joan E. Meagher

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

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**TRANSMITTAL LETTER**

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Sir:

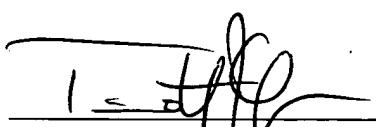
Transmitted herewith are the following documents:

Preliminary Amendment with marked-up sheet  
 Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is believed due. If a fee is occasioned or if extensions of time are necessary, please charge the balance to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,



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Docket No. H0498/7095  
Date: July 27, 2001





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Serial No.: 09/844,516  
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The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231, on the 24th day of July, 2001.

Joan E. Meagher  
Joan E. Meagher

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Before the first action in this case, please enter the following preliminary amendment.

**In the Claims**

Please rewrite the claims as shown:

A1 51 (Amended) A device as in claim 50, wherein the barrier includes an electrical insulator.

A2 54 (Amended) A device as in claim 53, including a hole spanned by an insulating membrane containing a pore.

55 (Amended) A device as in claim 53, including a subunit c of ATP synthase or a derivative.

**REMARKS**

Before a first action in this case, the Applicants respectfully request entry and consideration of the foregoing amendments.

This application should now be in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes, after this amendment, that the application is not in